

Quick Start Guide

VX

· VIRTUAL APPLIANCES ·

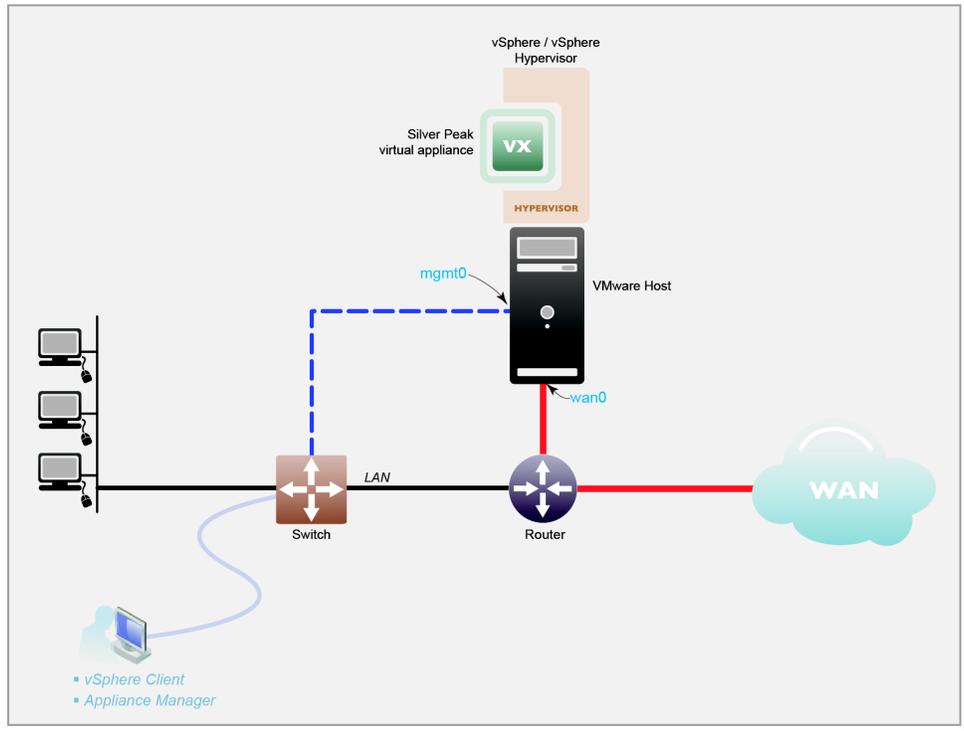
VMware vSphere / vSphere Hypervisor

· Router Mode ·
(Out-of-Path Deployment)

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If you're not using **VMware vSphere Client 5.1**, your screens may vary.

Host with Silver Peak VX appliance Router Mode



This Quick Start Guide only covers Router mode, which uses **wan0** for data traffic.

Before You Begin

- Comply with the [VX Virtual Appliance Host System Requirements](#) [PN 200566-001]
- Download the virtual appliance OVF template file:
 - For a 30-day free trial, go to the [Silver Peak Marketplace](#).
 - If you've purchased the product, then log in at the [Silver Peak Support portal](#).
- Obtain a VX virtual appliance activation license key
- Collect the IP addresses for:
 - VMware vSphere server
 - **mgmt0** [if not using DHCP, then also the default gateway for mgmt0]
 - **wan0** (Appliance IP)
 - Next-hop IP

NOTE: When you download the OVF template file and save it, Internet Explorer may change the suffix from **.ova** to **.tar**. If it does, change the suffix back to **.ova**.

SUMMARY OF TASKS

- 1 Deploy the VX virtual appliance's OVF template**
- 2 Establish connectivity to the virtual appliance**
- 3 Configure the virtual network and network adapter**
- 4 Run the Appliance Manager initial configuration wizard**



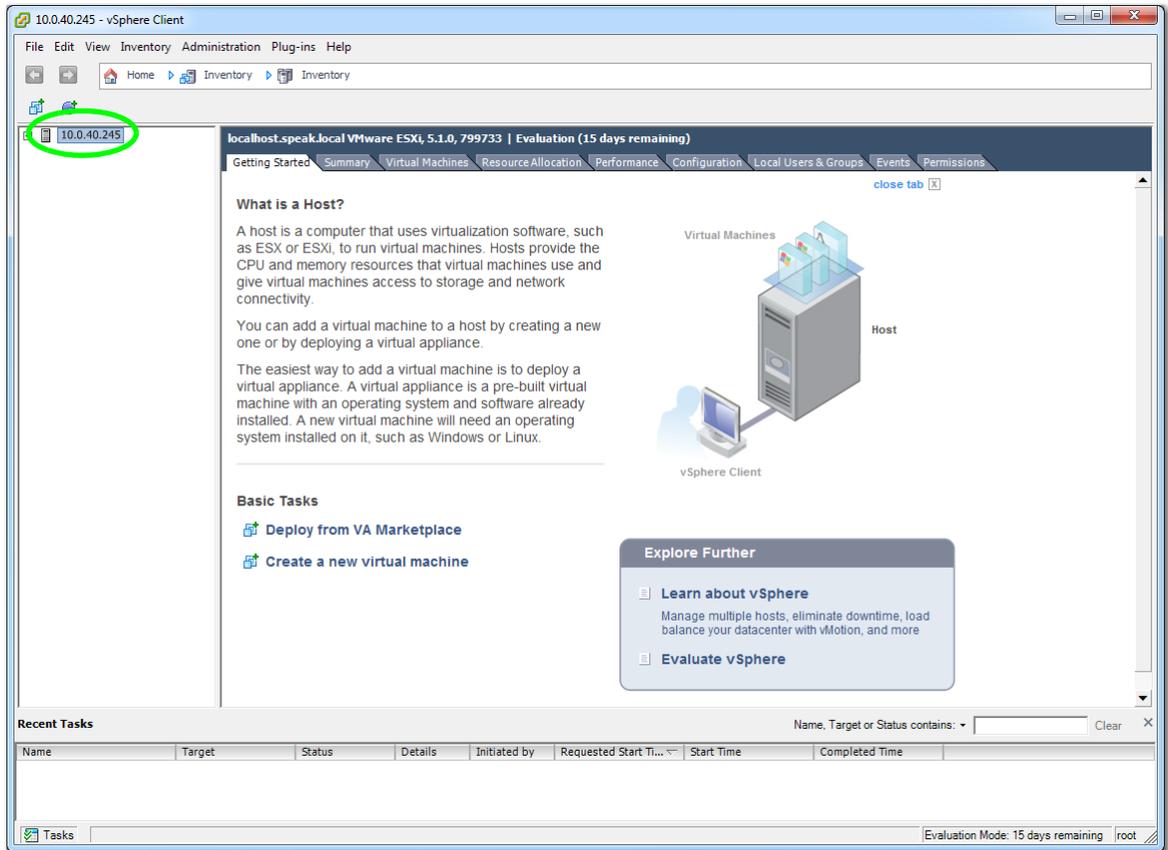
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Deploy the VX virtual appliance's OVF template

- a. Launch the vSphere client, enter the IP address for the VMware vSphere host.

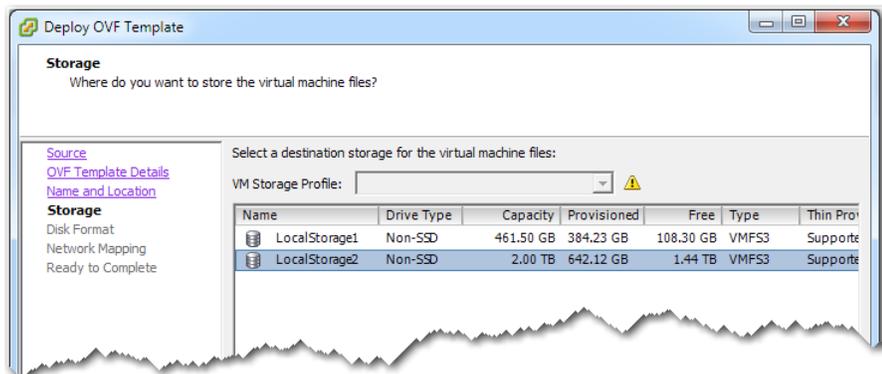
The host interface appears.



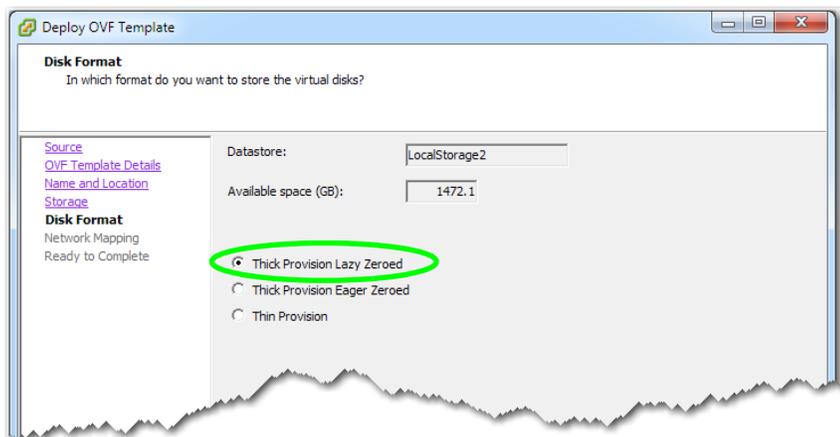
- b. From the **File** menu, select **Deploy OVF Template**, and follow the steps in the wizard.

NOTE: On the Name and Location page, we changed the virtual appliance's default name to **MySilverPeak**, to make this example more generic.

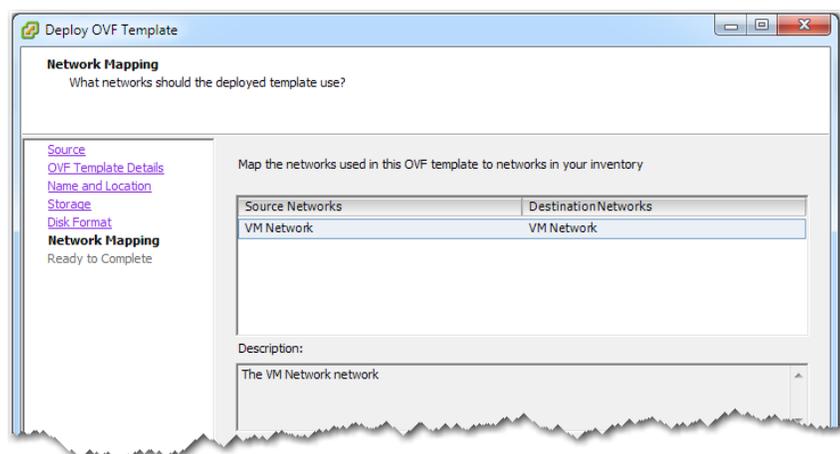
- c. When the Storage page appears, verify that the storage you select meets the requirements specified in the *VX Virtual Appliance Host System Requirements* [PN 200565-001].



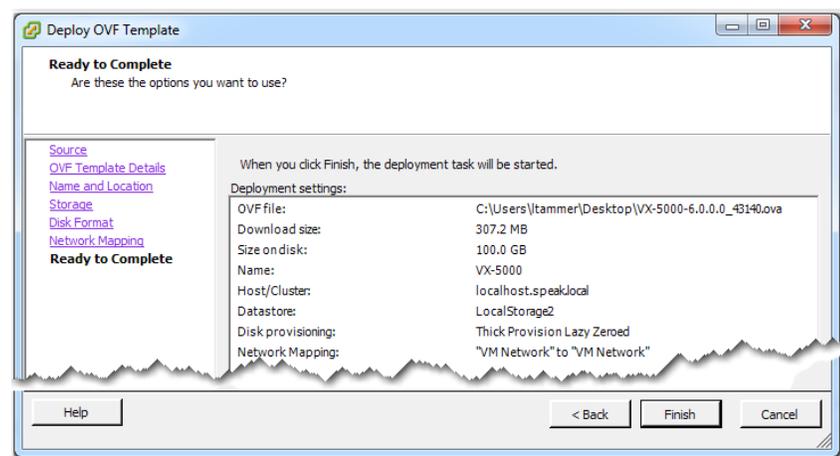
- d On the Disk Format page, make sure to select **Thick Provision Lazy Zeroed**.



- e The Network Mapping page defaults to selecting **VM Network**. If this is not appropriate in your circumstances, then select the one that is.



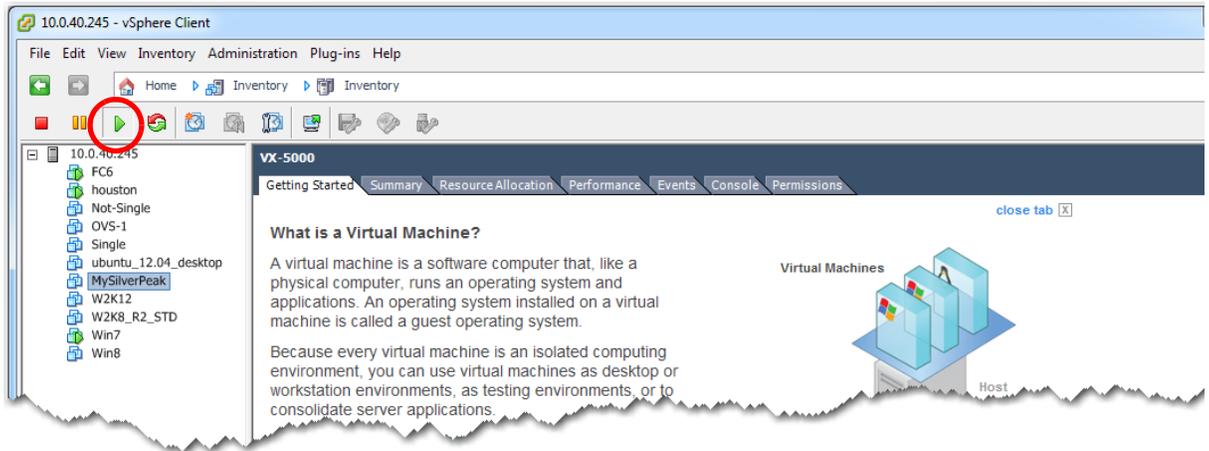
- f When the Ready to Complete page appears, go to the bottom of the page and click **Finish**.



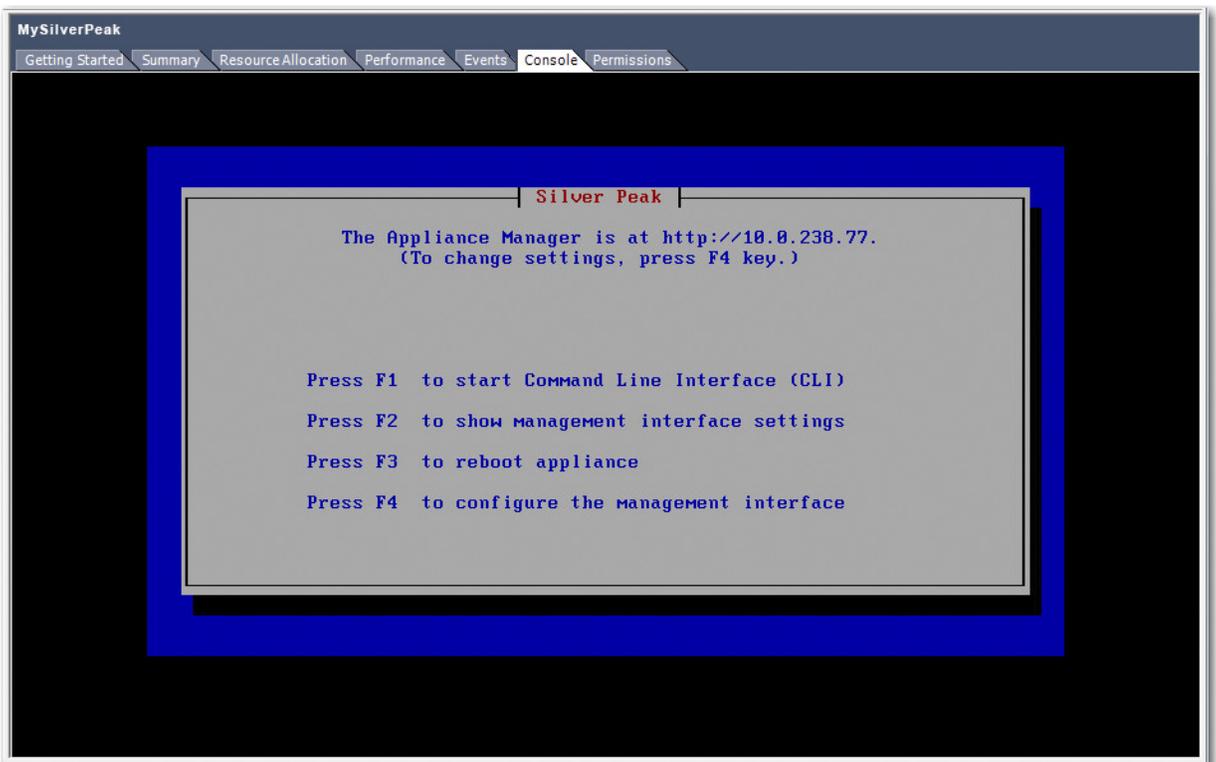
The Silver Peak appliance deploys.

2 Establish connectivity to the virtual appliance

- a. In the vSphere Client, select the newly deployed virtual appliance and click  to power it on.

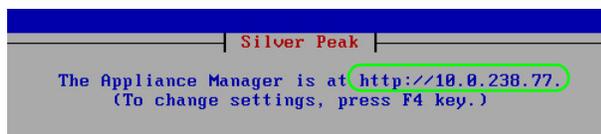


- b. Click the **Console** tab. The Silver Peak Console User Interface appears.



- c. The next task is to determine the virtual appliance's IP address:

- **If you're using DHCP**, the virtual appliance IP address displays in Silver Peak's Console User Interface.



- **If you're not using DHCP**, then you must configure the static IP address and default gateway.



In the virtual appliance console, press function key, **F4**, and complete the remaining steps.

When prompted to choose the type of management interface, select **Static** (as opposed to **DHCP**).

After selecting **Apply**, you can review the settings by selecting function key, **F2**.

-
- d. To verify connectivity, press function key, **F1**, and enter the following command sequence:

```
[vx-appliance] > enable [ENTER]
```

```
[vx-appliance] # show ip default-gateway [ENTER]
```

```
[vx-appliance] # ping <default-gateway> [ENTER]
```

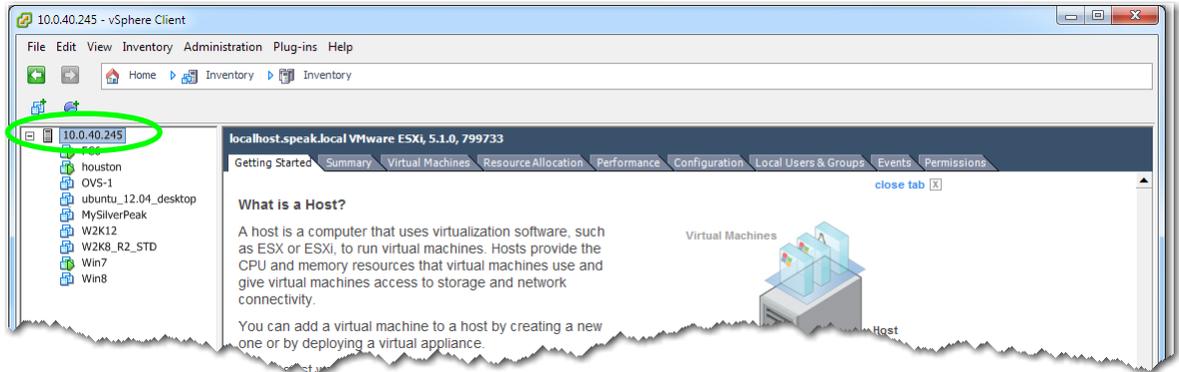
To stop the pinging, enter **CTRL-C**.

- e. In the console, enter **reboot halt**, which powers down the virtual machine.
-

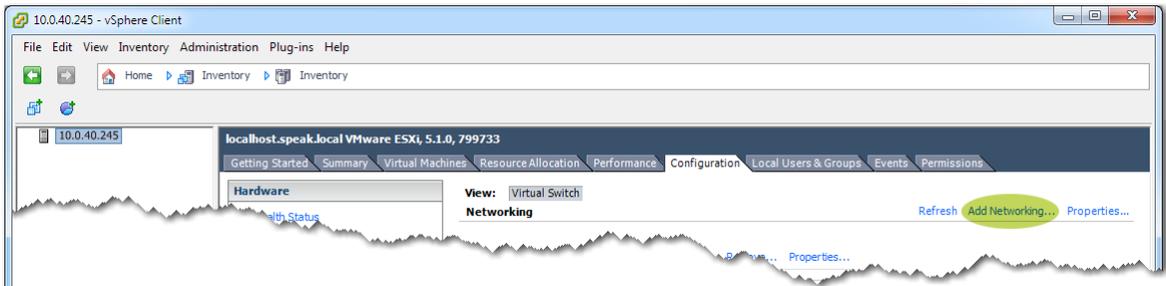
3 Configure the virtual network and network adapter

Now, you'll create an additional network and network adapter that you'll pair with **wan0** (for data traffic).

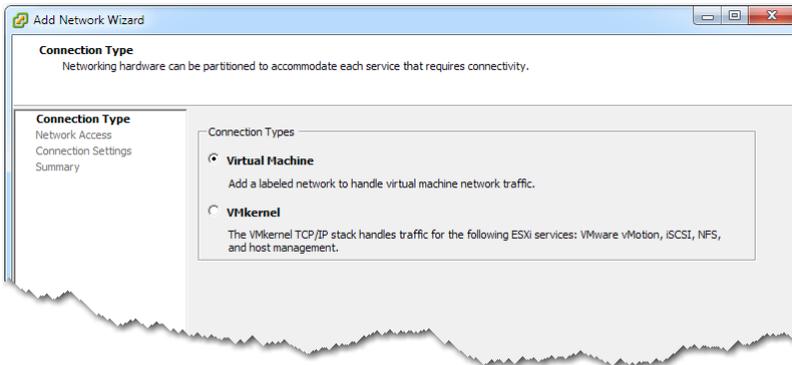
- a. In the vSphere client, select the host.



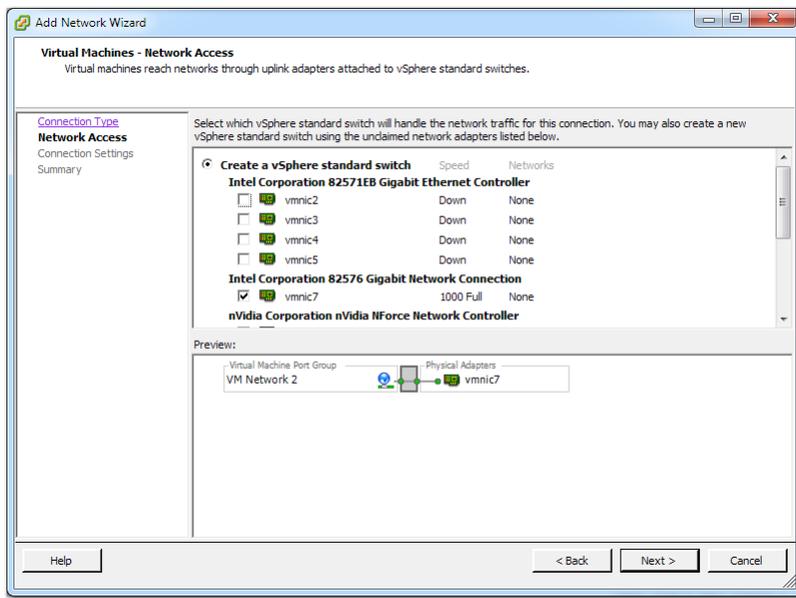
- b. Select the **Configuration** tab, and click **Add Networking**.



The Connection Type page appears. Make sure that **Virtual Machine** is selected.

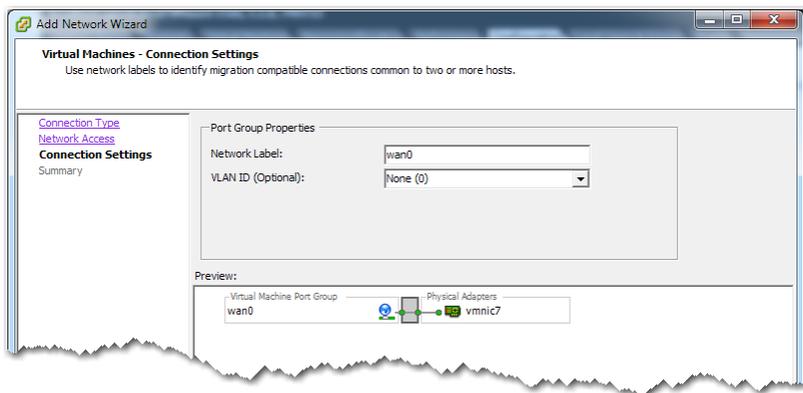


- c. Click **Next**. The Virtual Machines - Network Access page appears.

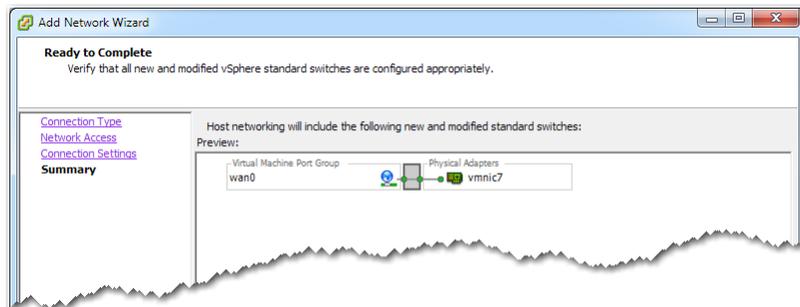


In this example, we select **vmnic7**, and click **Next**. Based on your own server configuration, select an appropriate interface to pair with **wan0**. The Virtual Machines - Connection Settings page appears.

- d. In the **Network Label** field, enter **wan0** and click **Next**.

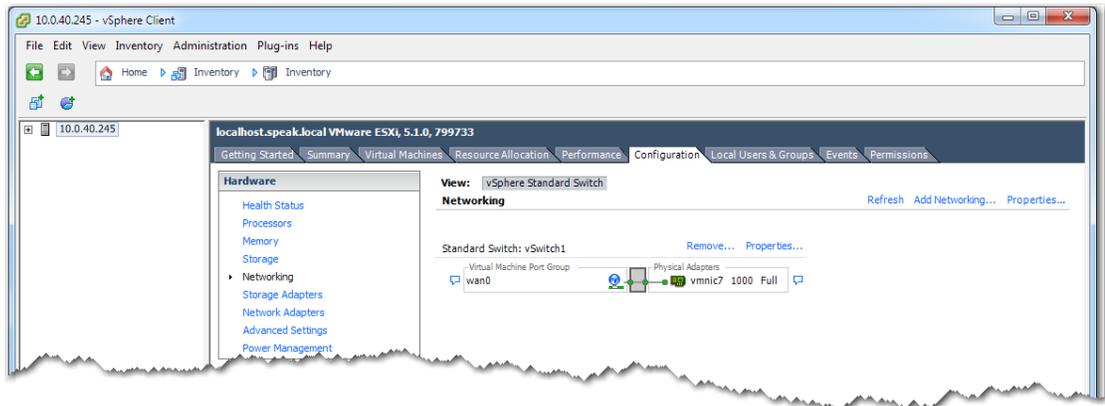


The Ready to Complete page appears.



- e Click **Finish**.

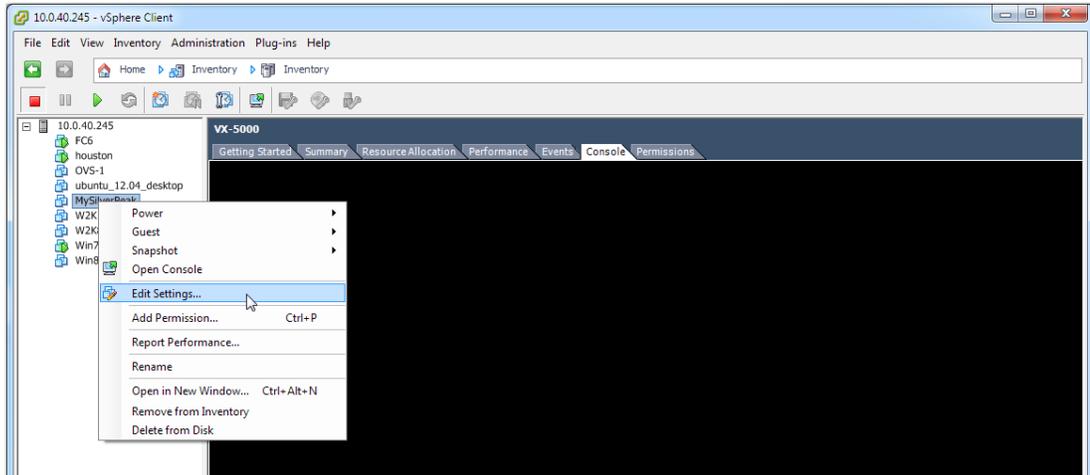
The vSphere Client's **Configuration** tab now reflects the addition of **wan0**.



Verify that the virtual appliance is powered down (you did this in Step 2e).

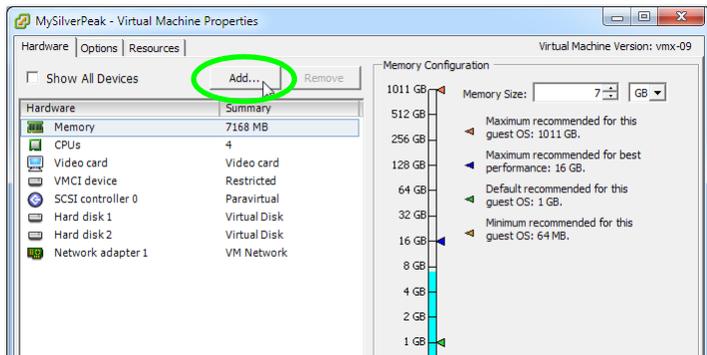
Now you need to add the network adapter.

- f. In the navigation pane, expand the server; right-click **MySilverPeak**, and select **Edit Settings**.

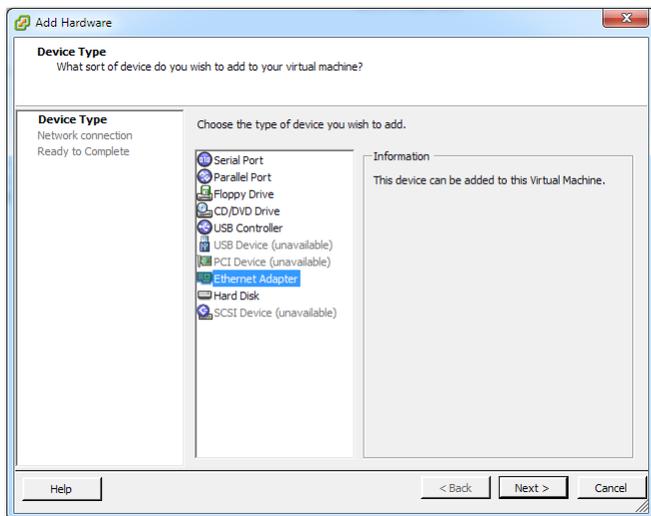


The Virtual Machine Properties page appears.

- g. Click **Add**.

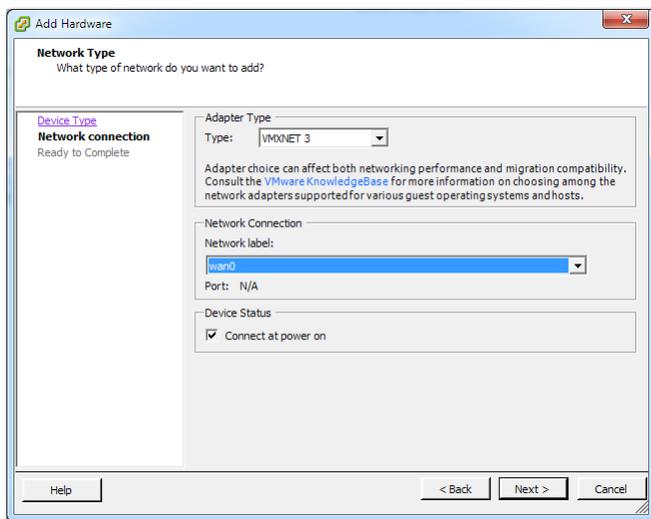


- h. When the Device Type page appears, select **Ethernet Adapter**.



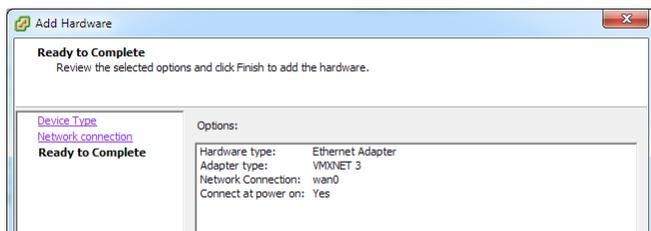
The Network Type page appears.

- i. Select the following:

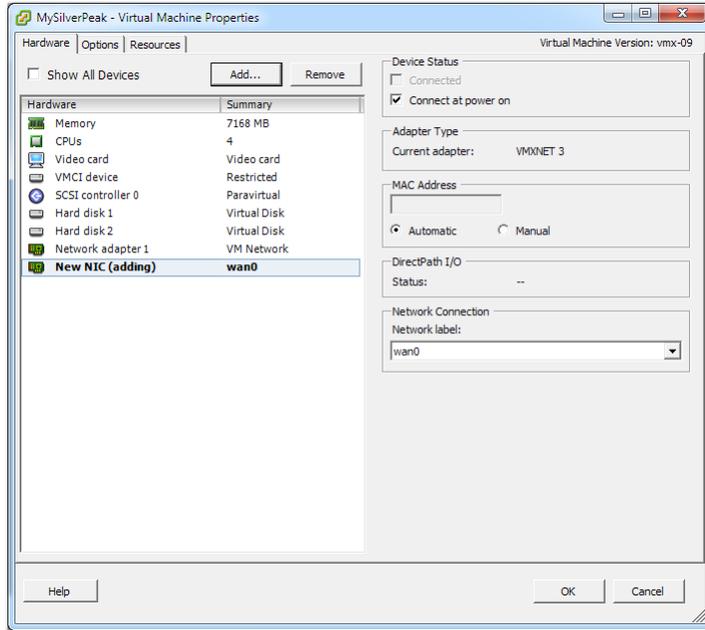


Type: VMXNET 3
Network label: wan0
Device Status: Connect at power on

- j. Click **Next**. The Ready to Complete page summarizes your selections.

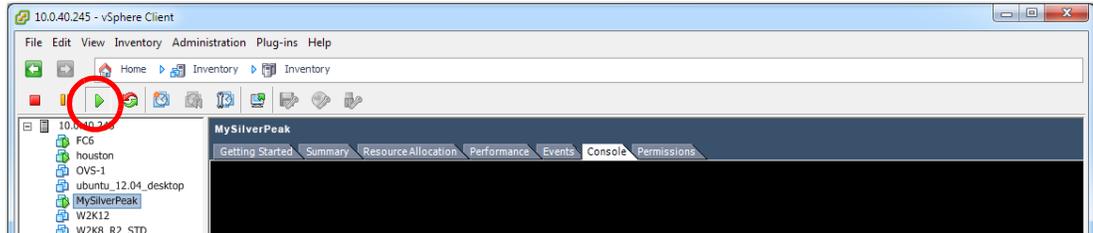


- k. Click **Finish**. The Virtual Machine Properties page shows the NIC being added.

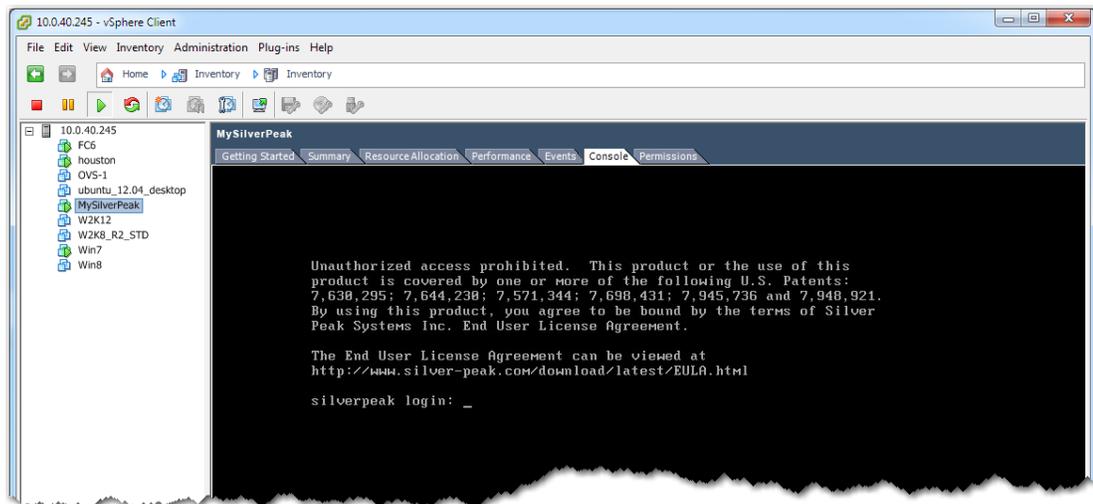


Click **OK**. The client returns to the Silver Peak appliance's **Console** tab.

- l. In the vSphere Client, select the newly deployed virtual appliance and click  to power it on.



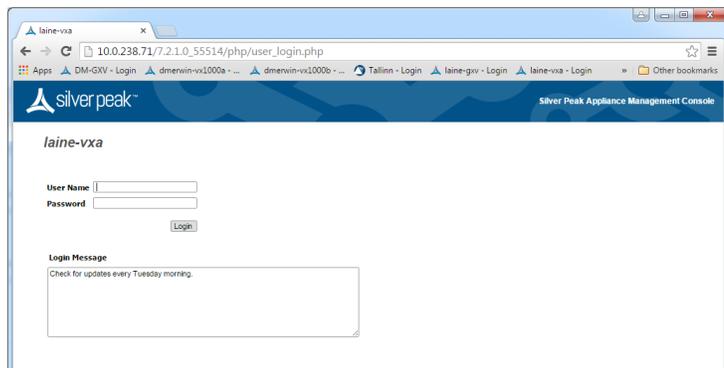
The virtual machine powers up, arriving at the silverpeak login.



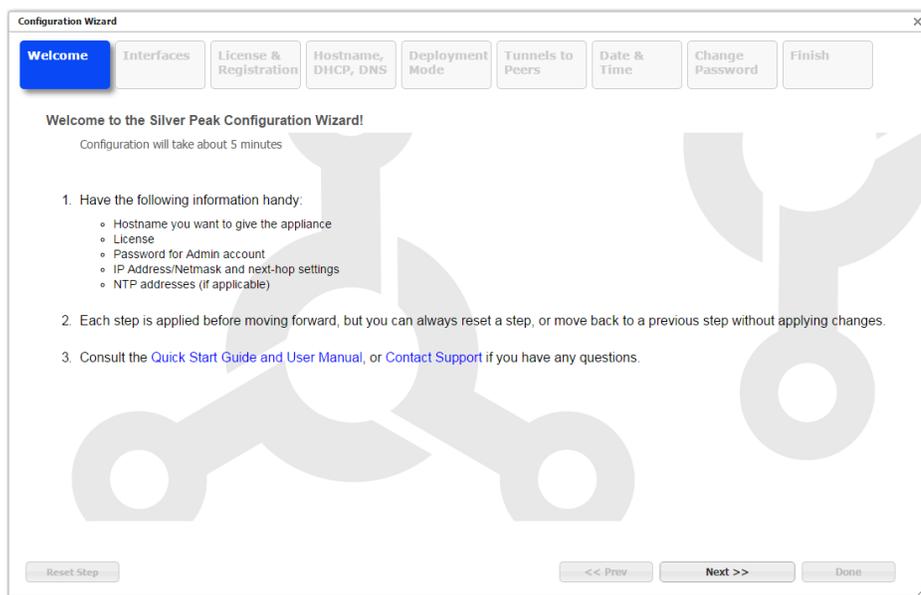
You are now ready to complete the Silver Peak virtual appliance initial configuration wizard.

4 Run the Appliance Manager initial configuration wizard

- a. In a browser, enter the IP address that you just discovered or configured. The Silver Peak Appliance Management Console login page appears.



- b. For both the **User Name** and **Password**, enter **admin**. The initial configuration wizard appears.



- c. Complete the remaining wizard screens. You will need the following information before you begin:
- Be sure to select **Router** mode.
 - When you reach the Configure Appliance Interface Assignment screen, you'll need to select the MAC address for **wan0** from the drop-down list. To find the MAC address, do the following:
 1. In the vSphere Client's navigation pane, select your VX from the inventory.
 2. Right-click and select **Edit Settings**.
 3. Select **wan0**'s network adapter. You'll see its MAC address in the right pane.
- d. On the last wizard screen, click **Apply**. When the virtual appliance asks permission to reboot, allow it. The Appliance Manager takes a few minutes to reboot and return to the login page.

You are now ready to start using the appliance.